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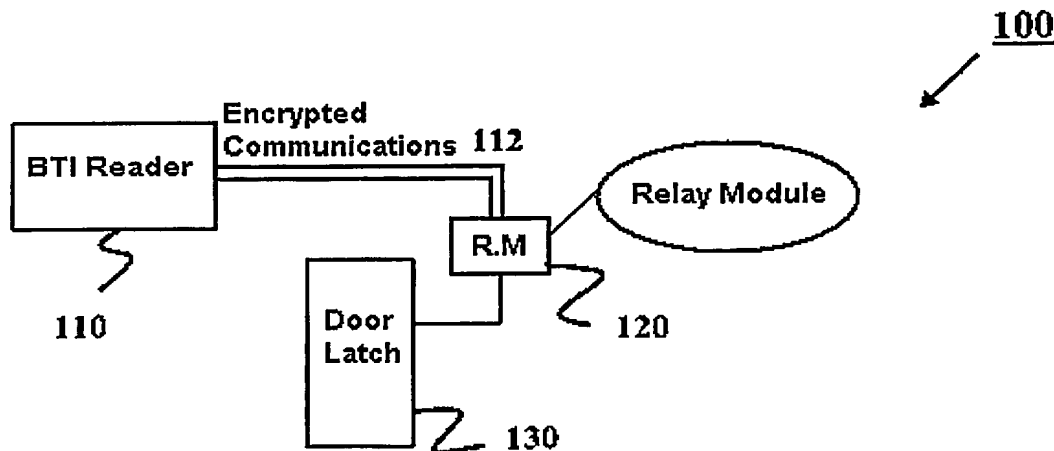
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(54) Title: AN ACCESS CONTROL SYSTEM



(57) Abstract: A method of switching a door latch (130, 230, 330, 430) in a secure area, a relay module (120, 220, 320), and an access control system are disclosed. Encrypted communications from a reader (110, 210, 310, 420) in an unsecured area are decrypted, and the decrypted communications are compared to an expected code. A micro-controller (442) may implement the decrypting and comparing steps. Power is switched to actuate the door latch (130, 230, 330, 430) if the comparison of the decrypted communications and the expected code indicates a correct match. A relay (444) coupled to the micro-controller (442) may implement the switching step. The relay module (120, 220, 320) and the door latch (130, 230, 330, 430) may be a single module. The method may further comprise the step of receiving the encrypted communications from the reader (110, 210, 310, 420). At least one buffer (440) coupled to the micro-controller (442) may implement the receiving step.



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